

(19) World Intellectual Property
Organization
International Bureau



1 2004



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/036343 A2

(51) International Patent Classification⁷:

G06F

(74) Agent: JEREMY M. BEN-DAVID & CO. LTD.; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).

(21) International Application Number:

PCT/IL2003/000837

(22) International Filing Date: 15 October 2003 (15.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/419,282 18 October 2002 (18.10.2002) US

(71) Applicant (for all designated States except US): S.A.E. AFIKIM COMPUTERIZED DAIRY MANAGEMENT SYSTEM [IL/IL]; Kibbutz Afikim, 15148 Afikim (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SHEMER, Yossef [IL/IL]; 16 Shikma Street, 36520 Kiryat Tivon (IL). HERMAN, Zvi [IL/IL]; 4/1 Hakim Street, 35430 Haifa (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

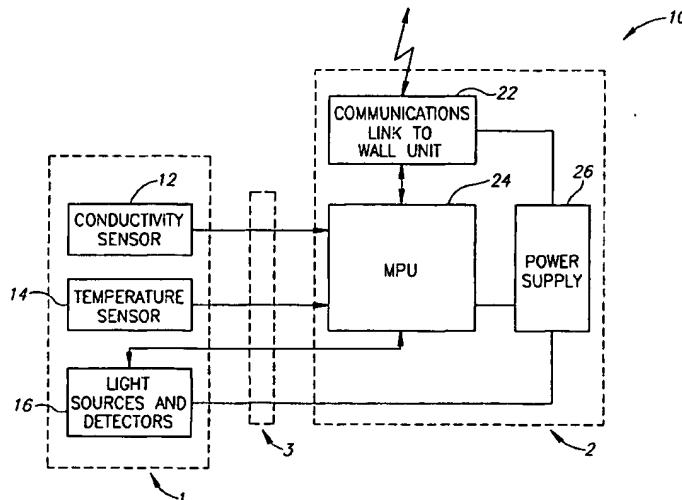
Published:

— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: SYSTEM FOR MONITORING THE HEALTH OF AN INDIVIDUAL AND METHOD FOR USE THEREOF

WO 2004/036343 A2



(57) **Abstract:** A medical analysis system for measuring properties and constituents of urine. The system includes a toilet unit mountable on a toilet bowl, readily attachable and detachable therefrom. The toilet unit includes a collection and sampling sub-unit for collecting and measuring the characteristics of urine and an electronics sub-unit for data collection and processing of the measured characteristics. The toilet unit also includes a communications link for data transfer between the collection and sampling and electronics sub-units. It also includes a means for removably fastening the collection and sampling sub-unit inside a toilet bowl, permitting ready attachment and removal of the toilet unit from a toilet bowl as desired. A wall unit, having a communications link for data transfer between the wall and toilet units, also includes means for storing and further processing the data for determining if changes have occurred in the measured characteristics of urine over time.